

OSMIC

Meaning: OSMIC: Relating to or characterized by the movement of solvent molecules through a semipermeable membrane from an area of lower solute concentration to one of higher concentration, particularly in biological and chemical processes.

1. The osmotic process is essential for maintaining cell integrity in various biological systems.
2. Researchers are exploring osmotic pressure as a means of desalinating seawater.
3. In an osmotic environment, water molecules move through semipermeable membranes to achieve equilibrium.
4. The osmotic balance in plant cells helps regulate their hydration and nutrient absorption.
5. Understanding osmotic mechanisms could lead to advancements in medical treatments for kidney disorders.

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